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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Kimihiro Mabuchi et al.      Art Unit : Unknown  
 Serial No. : 10/559,544 ✓      Examiner : Unknown  
 Filed : December 2, 2005  
 Title : POLYSULFONE-BASED HOLLOW-FIBER MEMBRANE WITH SELECTIVE PERMEABILITY

**MAIL STOP AMENDMENT**

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form, copies of which are enclosed.

Listed reference AD is discussed on page 2 of the specification. Listed reference AF corresponds to listed reference AG, 1,294,745. English language abstracts are included for listed references AE and AH. Listed reference AI corresponds to listed reference AA, U.S. Patent No. 5,340,480; listed reference AL corresponds to listed reference AB, U.S. Patent No. 6,432,309 B1; and listed reference AS corresponds to listed reference AC, U.S. Patent No. 6,693,266 B1. Machine translations in English are submitted for listed references AJ, AK, AM, AN, AO, AP, AQ, and AR.

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office Action on the merits. Please apply any charges or credits to

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit February 23, 2006

Signature Paula T. Romeo

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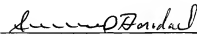
Applicant : Kimihiro Mabuchi et al.  
Serial No. : 10/559,544  
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Page : 2 of 2

Attorney's Docket No.: 19461-002US1 / 542027

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Respectfully submitted,

Date: 2/23/06

  
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|   |  |                                       |                               |
|---|--|---------------------------------------|-------------------------------|
| Substitute Form PTO-1449<br>(modified)  | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>19461-002US1 | Application No.<br>10/559,544 |
| <b>Information Disclosure Statement<br/>by Applicant</b><br>(Use several sheets if necessary) |  | Applicant<br>Kimihiro Mabuchi et al.  |                               |
|   |  | Filing Date<br>December 2, 2005       | Group Art Unit                |

**U.S. Patent Documents**

| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee      | Class | Subclass | Filing Date If Appropriate |
|------------------|-----------|-----------------|------------------|---------------|-------|----------|----------------------------|
|                  | AA        | 5,340,480       | 08/23/1994       | Kawata et al. |       |          |                            |
|                  | AB        | 6,432,309 B1    | 08/13/2002       | Fuke et al.   |       |          |                            |
|                  | AC        | 6,693,266 B1    | 02/17/2004       | Yagi          |       |          |                            |

**Foreign Patent Documents or Published Foreign Patent Applications**

| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation or Abstract |    |
|------------------|-----------|-----------------|------------------|--------------------------|-------|----------|-------------------------|----|
|                  |           |                 |                  |                          |       |          | Yes                     | No |
|                  | AD        | 61-232860       | 10/17/1986       | Japan                    |       |          |                         |    |
|                  | AE        | 158-114702      | 7/8/1983         | Japan                    |       |          |                         |    |
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|                  | AG        | 1,294,745       | 1/28/1992        | Canada                   |       |          |                         |    |
|                  | AH        | 6-75667         | 10/23/1986       | Japan                    |       |          |                         |    |
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|                  | AN        | 2000-254222     | 09/19/2000       | Japan                    |       |          |                         |    |
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|                  | AS        | 2000-340356     | 12/08/2000       | Japan                    |       |          |                         |    |

**Other Documents (include Author, Title, Date, and Place of Publication)**

| Examiner Initial | Desig. ID | Document |
|------------------|-----------|----------|
|                  | AT        |          |

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| Examiner Signature<br>/Jill M. Gray/   | Date Considered<br>09/30/2008 |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                               |

Substitute Disclosure Form (PTO-1449)

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.G./